



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 12381646  
SAU: MSAD 44  
School: Telstar Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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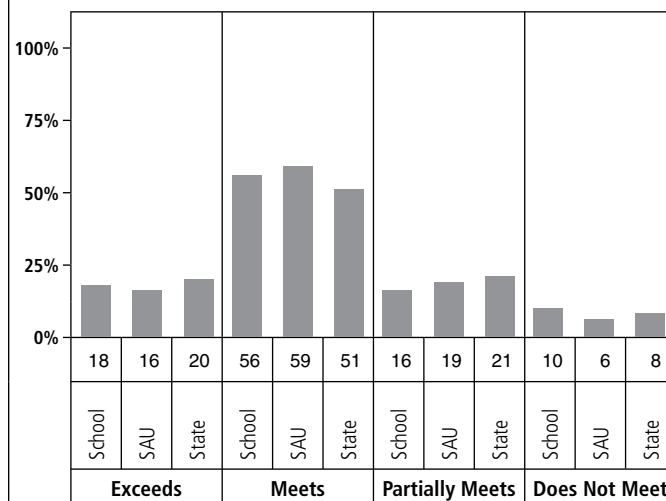
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 8  
SAU: MSAD 44  
School: Telstar Middle School

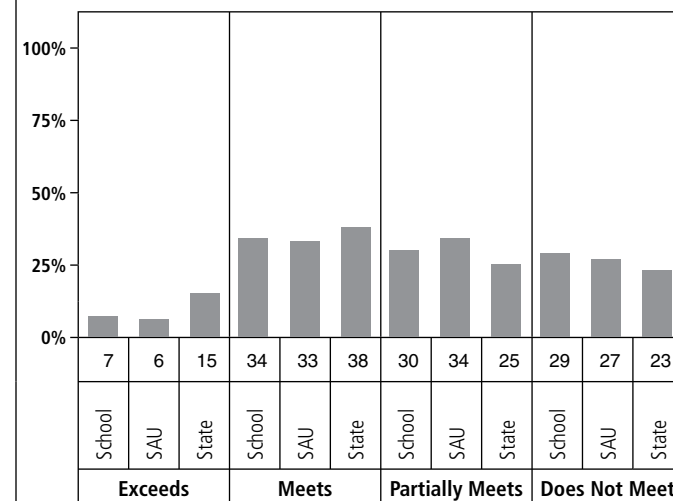
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	848	848	847
2007–2008	847	847	849
<b>2008–2009</b>	<b>848</b>	<b>848</b>	<b>850</b>
Cum. Avg.*	848	848	849
<b>Mathematics</b>			
2006–2007	842	843	842
2007–2008	836	837	841
<b>2008–2009</b>	<b>839</b>	<b>839</b>	<b>843</b>
Cum. Avg.*	839	840	842
<b>Science</b>			
<b>2008–2009 **</b>	<b>845</b>	<b>845</b>	<b>846</b>

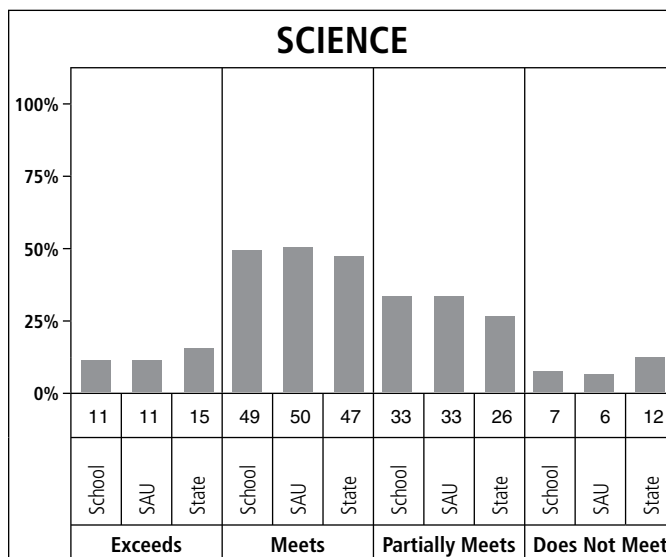
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 8  
SAU: MSAD 44  
School: Telstar Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
<b>Total number of students</b>	76	100	67	100	14804	100	75	99	66	99	14659	99	75	99	66	99	14653	99	75	99	66	99	14626	99
<b>Ethnicity</b> African American/Black	0	0	0	0	377	3	0	0	0	0	366	97	0	0	0	0	371	98	0	0	0	0	367	97
American Indian or Native Alaskan	2	3	2	3	119	1	2	100	2	100	117	99	2	100	2	100	115	97	2	100	2	100	116	98
Asian or Pacific Islander	0	0	0	0	238	2	0	0	0	0	232	97	0	0	0	0	234	98	0	0	0	0	234	98
Hispanic	0	0	0	0	192	1	0	0	0	0	188	98	0	0	0	0	191	100	0	0	0	0	190	99
Caucasian/White	74	97	65	97	13878	94	73	99	64	98	13756	99	73	99	64	98	13742	99	73	99	64	98	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	13	17	11	16	2489	17	13	100	11	100	2434	99	13	100	11	100	2424	98	13	100	11	100	2418	98
<b>Current LEP</b>	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
<b>Economically disadvantaged</b>	42	55	35	52	5460	37	41	98	34	97	5380	99	41	98	34	97	5377	99	41	98	34	97	5359	98
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
<b>Participation without accommodations</b>	58	76	51	76	12132	82	57	75	50	75	12124	82	58	76	51	76	12169	82
Identified disability (PET/IEP)	1	2	0	0	379	3	1	2	0	0	380	3	1	2	0	0	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
<b>Participation with accommodations</b>	15	20	13	19	2349	16	16	21	14	21	2347	16	15	20	13	19	2288	15
Identified disability (PET/IEP)	10	67	9	69	1877	80	10	63	9	64	1862	79	10	67	9	69	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	5	33	4	31	292	12	6	38	5	36	297	13	5	33	4	31	280	12
<b>Participation through alternate assessment (PAAP)</b>	2	3	2	3	178	1	2	3	2	3	182	1	2	3	2	3	169	1
Identified disability (PET/IEP)	2	100	2	100	178	100	2	100	2	100	182	100	2	100	2	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
<b>Non-participation – other</b>	1	1	1	1	113	1	1	1	1	1	117	1	1	1	1	1	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 44  
School: Telstar Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	16	18	15	19	2407	16
	2007-2008	11	13	10	14	3428	23
	<b>2008-2009</b>	<b>13</b>	<b>18</b>	<b>10</b>	<b>16</b>	<b>2857</b>	<b>20</b>
	Cum. Total*	40	16	35	16	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	42	47	37	47	7494	49
	2007-2008	44	54	39	53	7179	48
	<b>2008-2009</b>	<b>41</b>	<b>56</b>	<b>38</b>	<b>59</b>	<b>7431</b>	<b>51</b>
	Cum. Total*	127	52	114	53	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	25	28	20	25	3628	24
	2007-2008	16	20	14	19	2706	18
	<b>2008-2009</b>	<b>12</b>	<b>16</b>	<b>12</b>	<b>19</b>	<b>2979</b>	<b>21</b>
	Cum. Total*	53	22	46	21	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	7	8	7	9	1810	12
	2007-2008	11	13	11	15	1611	11
	<b>2008-2009</b>	<b>7</b>	<b>10</b>	<b>4</b>	<b>6</b>	<b>1214</b>	<b>8</b>
	Cum. Total*	25	10	22	10	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	34.5	61.6	34.7	62.0	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	12.1	60.5	12.2	61.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	22.4	62.2	22.6	62.8	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: MSAD 44  
 School: Telstar Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	73	13	18	41	56	12	16	7	10	848	64	16	59	19	6	848	14481	20	51	21	8	850
<b>Ethnicity</b>																						
African American/Black	0										0						362	8	43	29	20	843
American Indian or Native Alaskan	2										2						116	10	46	26	18	843
Asian or Pacific Islander	0										0						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	71	13	18	39	55	12	17	7	10	848	62	16	58	19	6	848	13586	20	52	20	8	850
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	11	0	0	2	18	4	36	5	45	831	9	0	22	44	33	833	2256	2	25	40	34	834
No	62	13	21	39	63	8	13	2	3	851	55	18	65	15	2	851	12225	23	56	17	4	853
<b>Current LEP</b>																						
Yes	0										0						324	5	34	36	26	838
No	73	13	18	41	56	12	16	7	10	848	64	16	59	19	6	848	14157	20	52	20	8	850
<b>Economically disadvantaged</b>																						
Yes	39	4	10	21	54	9	23	5	13	845	32	6	59	28	6	845	5277	10	46	29	15	844
No	34	9	26	20	59	3	9	2	6	852	32	25	59	9	6	852	9204	26	54	16	5	853
<b>Migrant</b>																						
Yes	0										0						5	0	40	60	0	841
No	73	13	18	41	56	12	16	7	10	848	64	16	59	19	6	848	14476	20	51	21	8	850
<b>Gender</b>																						
Female	33	6	18	21	64	5	15	1	3	851	29	14	66	17	3	850	7074	25	51	18	6	852
Male	40	7	18	20	50	7	18	6	15	846	35	17	54	20	9	847	7407	14	51	23	11	847
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	16	0	0	8	50	6	38	2	13	841	14	0	50	43	7	842	857	9	43	35	14	843
No	57	13	23	33	58	6	11	5	9	850	50	20	62	12	6	850	13624	20	52	20	8	850
<b>Gifted/talented program</b>																						
Yes	0										0						700	69	30	1	0	867
No	73	13	18	41	56	12	16	7	10	848	64	16	59	19	6	848	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 44  
School: Telstar Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	4	3	100	0	0	0	0	0	0	865	3	100	0	0	0	865	8	8	39	29	24	841
B. less than one hour	66	7	15	31	65	7	15	3	6	849	66	12	67	17	5	849	51	17	53	22	8	849
C. one to two hours	26	2	11	10	53	4	21	3	16	845	27	12	59	24	6	847	36	24	52	18	5	852
D. more than two hours	4	1	33	0	0	1	33	1	33	838	5	33	0	33	33	838	5	29	45	18	9	852
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	28	9	45	10	50	1	5	0	0	857	29	44	50	6	0	857	31	35	50	11	4	856
B. good	47	4	12	23	68	4	12	3	9	849	44	7	75	14	4	849	47	16	55	21	7	849
C. fair	21	0	0	6	40	5	33	4	27	837	22	0	43	36	21	838	18	5	47	33	15	842
D. poor	4	0	0	2	67	1	33	0	0	847	5	0	67	33	0	847	3	2	39	37	22	839
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	49	5	14	25	71	4	11	1	3	850	49	13	71	13	3	850	32	27	54	14	5	853
B. They match some of what I have learned.	38	7	26	12	44	4	15	4	15	848	37	22	52	17	9	849	52	18	53	22	8	850
C. They match just a little of what I have learned.	13	0	0	4	44	3	33	2	22	838	13	0	50	38	13	840	12	11	45	29	15	844
D. There is no match.	1	1	100	0	0	0	0	0	0	866	2	100	0	0	0	866	4	6	34	33	26	838
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	7	0	0	4	80	0	0	1	20	842	6	0	75	0	25	840	15	13	42	28	17	844
B. about the same as my regular schoolwork	76	10	19	28	52	10	19	6	11	847	74	15	57	22	7	847	64	19	53	20	7	850
C. easier than my regular schoolwork	17	3	25	8	67	1	8	0	0	857	19	25	67	8	0	857	22	25	52	16	6	852
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	4	0	0	1	33	1	33	1	33	833	5	0	33	33	33	833	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	65	4	9	28	61	8	17	6	13	845	63	5	67	21	8	845	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	31	9	41	11	50	2	9	0	0	857	32	40	50	10	0	857	40	30	53	13	4	855
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	42	6	20	16	53	4	13	4	13	846	40	16	60	16	8	847	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	53	6	16	21	55	8	21	3	8	849	54	15	56	24	6	849	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	6	1	25	3	75	0	0	0	0	851	6	25	75	0	0	851	7	12	46	27	15	845
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	17	5	42	6	50	1	8	0	0	855	16	30	60	10	0	853	19	26	53	15	6	853
B. 20 minutes to an hour	21	3	20	8	53	3	20	1	7	851	22	21	50	21	7	850	40	25	52	17	6	852
C. less than 20 minutes	17	1	8	6	50	2	17	3	25	843	14	11	56	22	11	846	15	18	51	21	10	849
D. I rarely read at home.	46	4	12	20	61	6	18	3	9	847	48	10	63	20	7	847	26	7	50	30	13	844
<b>How do you feel about the following statement?</b>																						
<b>"My knowledge of reading will be useful to me as an adult."</b>																						
A. strongly agree	32	7	30	13	57	3	13	0	0	853	30	26	58	16	0	852	42	27	51	15	6	853
B. agree	56	4	10	22	54	8	20	7	17	846	56	8	58	22	11	846	50	15	53	23	9	848
C. disagree	8	1	17	4	67	1	17	0	0	847	9	17	67	17	0	847	7	8	46	32	14	843
D. strongly disagree	4	1	33	2	67	0	0	0	0	853	5	33	67	0	0	853	2	6	39	35	21	840
<b>Optional school/SAU question</b>																						
A.	33	0	0	0	0	2	100	0	0	839	40	0	0	100	0	839						
B.	0										0											
C.	0										0											
D.	67	0	0	2	50	0	0	2	50	835	60	0	67	0	33	837						

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 44  
School: Telstar Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	14	16	14	18	1952	13
	2007-2008	7	8	7	9	1657	11
	<b>2008-2009</b>	<b>5</b>	<b>7</b>	<b>4</b>	<b>6</b>	<b>2116</b>	<b>15</b>
	Cum. Total*	26	11	25	11	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	33	37	28	35	5870	38
	2007-2008	22	27	20	27	5956	40
	<b>2008-2009</b>	<b>25</b>	<b>34</b>	<b>21</b>	<b>33</b>	<b>5443</b>	<b>38</b>
	Cum. Total*	80	33	69	32	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	27	30	24	30	3982	26
	2007-2008	25	30	22	29	3729	25
	<b>2008-2009</b>	<b>22</b>	<b>30</b>	<b>22</b>	<b>34</b>	<b>3556</b>	<b>25</b>
	Cum. Total*	74	30	68	31	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	16	18	13	16	3534	23
	2007-2008	29	35	26	35	3579	24
	<b>2008-2009</b>	<b>21</b>	<b>29</b>	<b>17</b>	<b>27</b>	<b>3356</b>	<b>23</b>
	Cum. Total*	66	27	56	26	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	26.0	46.4	26.3	47.0	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	3.3	41.3	3.5	43.8	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	8.3	51.9	8.3	51.9	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	4.2	35.0	4.2	35.0	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	10.2	51.0	10.2	51.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: MSAD 44  
 School: Telstar Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	73	5	7	25	34	22	30	21	29	839	64	6	33	34	27	839	14471	15	38	25	23	843
<b>Ethnicity</b>																						
African American/Black	0										0						367	6	24	26	44	831
American Indian or Native Alaskan	2										2						114	5	31	32	32	836
Asian or Pacific Islander	0										0						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	71	5	7	24	34	21	30	21	30	839	62	6	32	34	27	839	13567	15	38	25	22	843
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	11	0	0	0	0	3	27	8	73	821	9	0	0	33	67	824	2242	2	12	22	63	824
No	62	5	8	25	40	19	31	13	21	842	55	7	38	35	20	842	12229	17	42	25	16	846
<b>Current LEP</b>																						
Yes	0										0						336	6	18	26	51	829
No	73	5	7	25	34	22	30	21	29	839	64	6	33	34	27	839	14135	15	38	25	23	843
<b>Economically disadvantaged</b>																						
Yes	39	1	3	9	23	16	41	13	33	833	32	0	22	50	28	834	5270	6	30	28	36	835
No	34	4	12	16	47	6	18	8	24	845	32	13	44	19	25	844	9201	20	42	22	16	847
<b>Migrant</b>																						
Yes	0										0						5	0	0	40	60	828
No	73	5	7	25	34	22	30	21	29	839	64	6	33	34	27	839	14466	15	38	25	23	843
<b>Gender</b>																						
Female	33	1	3	10	30	13	39	9	27	837	29	3	21	45	31	835	7070	15	39	25	22	843
Male	40	4	10	15	38	9	23	12	30	840	35	9	43	26	23	843	7401	14	36	25	25	842
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	16	0	0	1	6	5	31	10	63	825	14	0	7	36	57	826	857	5	25	33	37	835
No	57	5	9	24	42	17	30	11	19	843	50	8	40	34	18	843	13614	15	38	24	22	843
<b>Gifted/talented program</b>																						
Yes	0										0						700	68	27	3	1	866
No	73	5	7	25	34	22	30	21	29	839	64	6	33	34	27	839	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 44  
School: Telstar Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	3	100	0	0	0	0	0	0	871	3	100	0	0	0	872	8	8	24	24	44	833
B. less than one hour	66	0	0	19	40	17	35	12	25	838	66	0	36	40	24	838	51	12	38	26	23	842
C. one to two hours	26	2	11	5	26	4	21	8	42	836	27	12	29	24	35	838	36	19	40	23	19	845
D. more than two hours	4	0	0	1	33	1	33	1	33	837	5	0	33	33	33	837	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	20	3	21	7	50	2	14	2	14	849	20	25	42	17	17	849	28	33	41	15	11	852
B. good	53	0	0	11	30	16	43	10	27	836	56	0	29	47	24	837	45	11	43	25	21	842
C. fair	16	0	0	5	45	2	18	4	36	836	16	0	40	20	40	835	21	3	27	35	35	834
D. poor	11	1	13	1	13	2	25	4	50	833	8	0	20	40	40	833	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	26	1	5	11	58	6	32	1	5	848	30	5	58	32	5	848	28	23	41	21	15	848
B. They match some of what I have learned.	55	2	5	11	28	14	35	13	33	836	55	3	26	40	31	836	52	13	40	25	21	843
C. They match just a little of what I have learned.	18	1	8	3	23	2	15	7	54	830	14	11	11	22	56	830	16	8	28	30	34	836
D. There is no match.	1	1	100	0	0	0	0	0	0	870	2	100	0	0	0	870	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	25	1	6	7	39	3	17	7	39	835	21	8	38	23	31	838	32	6	34	29	32	837
B. about the same as my regular schoolwork	58	1	2	12	29	17	40	12	29	836	62	3	26	44	28	837	52	13	41	25	20	843
C. easier than my regular schoolwork	17	3	25	6	50	2	17	1	8	853	17	18	55	18	9	851	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	47	3	9	10	29	12	35	9	26	839	44	7	29	43	21	840	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	49	1	3	14	39	10	28	11	31	838	52	3	36	30	30	838	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	4	1	33	1	33	0	0	1	33	849	5	33	33	0	33	849	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	14	0	0	5	50	2	20	3	30	835	13	0	38	25	38	833	34	18	40	22	20	845
B. two or three days a week	32	1	4	6	26	9	39	7	30	835	32	5	25	45	25	837	35	14	38	26	21	843
C. two or three times each month	26	1	5	8	42	4	21	6	32	840	24	0	47	27	27	840	18	12	37	27	24	841
D. never or almost never	28	3	15	6	30	7	35	4	20	844	32	15	30	35	20	844	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	1	0	0	0	0	0	0	1	100	806	2	0	0	0	100	806	9	13	38	23	26	841
B. two or three days a week	8	0	0	0	0	3	50	3	50	825	6	0	0	75	25	834	17	11	37	26	26	841
C. two or three times each month	7	1	20	3	60	0	0	1	20	848	6	25	50	0	25	846	28	15	40	25	20	844
D. never or almost never	83	4	7	22	37	19	32	15	25	840	86	6	35	35	24	840	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	47	3	9	12	35	10	29	9	26	840	45	10	28	34	28	839	52	19	41	22	18	846
B. agree	38	1	4	11	39	8	29	8	29	839	39	4	44	32	20	842	39	11	35	27	27	840
C. disagree	11	1	13	2	25	2	25	3	38	836	11	0	29	29	43	832	6	7	28	26	39	835
D. strongly disagree	4	0	0	0	0	2	67	1	33	835	5	0	0	67	33	835	3	4	25	28	43	832
Optional school/SAU question																						
A.	33	0	0	0	0	0	0	2	100	816	40	0	0	0	100	816						
B.	0										0											
C.	0										0											
D.	67	0	0	1	25	1	25	2	50	832	60	0	33	33	33	836						

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: MSAD 44  
School: Telstar Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	8	11	7	11	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	36	49	32	50	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	24	33	21	33	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	5	7	4	6	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	31.7	56.6	31.7	56.6	32.0	57.1
<b>D. The Physical Setting</b>	31	55	16.8	54.2	16.8	54.2	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	9.0	52.9	9.1	53.5	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	7.8	55.7	7.7	55.0	7.7	55.0
<b>E. The Living Environment</b>	25	45	14.9	59.6	14.9	59.6	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 44  
School: Telstar Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	73	8	11	36	49	24	33	5	7	845	64	11	50	33	6	845	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	0										0						360	4	31	35	30	835
American Indian or Native Alaskan	2										2						114	8	39	31	22	839
Asian or Pacific Islander	0										0						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	71	8	11	34	48	24	34	5	7	845	62	11	48	34	6	845	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	11	0	0	0	0	7	64	4	36	830	9	0	0	67	33	830	2221	3	22	36	38	832
No	62	8	13	36	58	17	27	1	2	848	55	13	58	27	2	848	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	0										0						331	4	20	39	37	832
No	73	8	11	36	49	24	33	5	7	845	64	11	50	33	6	845	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	39	3	8	16	41	16	41	4	10	842	32	6	44	41	9	842	5184	6	40	33	21	840
No	34	5	15	20	59	8	24	1	3	850	32	16	56	25	3	849	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	0										0						5	0	0	80	20	829
No	73	8	11	36	49	24	33	5	7	845	64	11	50	33	6	845	14258	15	47	26	12	846
<b>Gender</b>																						
Female	33	1	3	18	55	12	36	2	6	844	29	3	48	41	7	842	6953	14	47	28	11	846
Male	40	7	18	18	45	12	30	3	8	847	35	17	51	26	6	848	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	16	0	0	5	31	10	63	1	6	837	14	0	36	57	7	838	828	5	35	40	20	839
No	57	8	14	31	54	14	25	4	7	848	50	14	54	26	6	848	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	0										0						699	65	34	2	0	865
No	73	8	11	36	49	24	33	5	7	845	64	11	50	33	6	845	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: MSAD 44  
School: Telstar Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	4	3	100	0	0	0	0	0	0	867	3	100	0	0	0	869	8	8	34	28	30	837
B. less than one hour	66	4	8	27	56	15	31	2	4	846	66	10	55	31	5	846	51	14	48	27	11	846
C. one to two hours	26	0	0	9	47	9	47	1	5	841	27	0	53	47	0	843	36	19	48	24	9	848
D. more than two hours	4	1	33	0	0	0	0	2	67	839	5	33	0	0	67	839	5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	25	1	6	13	72	4	22	0	0	850	22	7	71	21	0	850	23	27	47	17	8	851
B. good	48	4	11	13	37	14	40	4	11	843	50	13	41	38	9	844	53	15	50	26	10	847
C. fair	22	3	19	7	44	5	31	1	6	845	23	13	47	33	7	844	20	4	43	35	18	840
D. poor	5	0	0	3	75	1	25	0	0	848	5	0	67	33	0	848	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	19	2	14	7	50	4	29	1	7	847	17	18	55	27	0	850	26	20	49	23	9	849
B. They match some of what I have learned.	63	3	7	26	57	15	33	2	4	845	64	7	56	32	5	845	51	14	48	26	11	846
C. They match just a little of what I have learned.	12	2	22	0	0	5	56	2	22	839	13	13	0	63	25	836	18	13	44	28	15	844
D. There is no match.	5	1	25	3	75	0	0	0	0	856	6	25	75	0	0	856	4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	26	2	11	8	42	8	42	1	5	842	24	7	47	40	7	842	32	13	45	28	14	844
B. about the same as my regular schoolwork	53	3	8	20	53	11	29	4	11	845	52	9	52	30	9	845	56	15	49	25	11	847
C. easier than my regular schoolwork	21	3	20	8	53	4	27	0	0	850	24	20	53	27	0	850	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	39	1	4	15	54	11	39	1	4	844	37	0	61	35	4	843	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	54	7	18	18	47	11	29	2	5	848	55	21	44	32	3	848	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	7	0	0	3	60	1	20	1	20	842	8	0	60	20	20	842	6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	29	2	10	12	57	6	29	1	5	846	30	5	58	32	5	845	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	26	3	16	9	47	5	26	2	11	846	22	21	50	21	7	848	23	17	49	22	12	847
C. the course(s) described in B, plus physics	18	2	15	5	38	5	38	1	8	846	20	15	38	38	8	846	21	31	44	17	7	852
D. a life science and physical science class	27	1	5	10	50	8	40	1	5	844	28	6	50	39	6	844	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	15	2	18	6	55	2	18	1	9	849	13	13	63	13	13	849	27	23	47	20	10	849
B. agree	37	5	19	11	41	8	30	3	11	846	39	20	40	32	8	847	37	14	47	27	12	846
C. disagree	26	1	5	11	58	6	32	1	5	845	28	6	56	33	6	844	25	11	48	29	12	845
D. strongly disagree	22	0	0	8	50	8	50	0	0	842	20	0	54	46	0	842	11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	22	1	6	11	69	3	19	1	6	850	20	8	62	23	8	848	31	22	46	22	10	849
B. agree	56	7	17	17	41	14	34	3	7	846	59	16	45	34	5	846	50	14	49	26	11	846
C. disagree	14	0	0	3	30	6	60	1	10	836	13	0	38	50	13	837	14	9	45	31	15	843
D. strongly disagree	8	0	0	5	83	1	17	0	0	847	8	0	80	20	0	847	5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	33	0	0	0	0	2	100	0	0	838	40	0	0	100	0	838						
B.	0										0											
C.	0										0											
D.	67	0	0	2	50	1	25	1	25	838	60	0	67	0	33	840						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
N = Number